

Plumbing Q&A is online

<http://commerce.wi.gov/SB/SB-PlumbingDatabaseReport.html>

For Example

145.01.10 9/25/98

Is a plumbing license required to pre-fab plumbing?

Yes, with one exception. When a plumbing system has received product approval, the piping system may be pre-fabbed by assembly workers who are not licensed individuals. Otherwise, a license is required to construct a plumbing system.

145.01.10 11/24/00

Are water lines to soda dispensers considered plumbing?

Yes, if the line carries drinking water, it's considered plumbing.

145.01.10 11/24/00

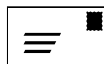
Is a license required to install pipe liners?

No. Pipe liners are considered a repair at this time.

145.02.2 12/1/00

Can a sanitary district have more stringent requirements than the code?

Yes, in some instances. There is specific statutory authority in section 200.11(3) of the Wisconsin statutes that allows a commission of a sanitary district to require preliminary treatment prior to discharging into the sanitary district's system. (Not the plumbing inspector or sewage treatment plant operator.) The department requires documentation that the action will provide additional treatment over the code minimums.



145.06 3/13/98

Is an MP is required to own a business?

A master plumber may work for another and be in charge of plumbing installations. It is not required that the master own a share of the business.

145.06 7/12/00

Who is the "responsible master?"

The responsible master is any master that agrees to be responsible for the installation of plumbing. There is no distance restriction on the master from the installation.

145.07 6/11/01

Does a degree in engineering technology qualify someone to take the MP exam?

continued at:

<http://commerce.wi.gov/SB/SB-PlumbingDatabaseReport.html>

Wisconsin Construction Codes Report



Safety and Buildings
Division, May, 2005

[www.wisconsin.gov/
state/app/wizard](http://www.wisconsin.gov/state/app/wizard)

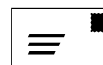


www.wisconsin.gov



Renewal letters sent in May

Renewal letters will be sent in mid-May for a number of credentials the Safety and Buildings Division administers which expire at the end of June. Look at your credential card and be aware of whether you should have received a renewal notice. Among the categories affected are soil testers, electrical and automatic fire sprinkler credential holders, and most inspector categories.



If you think you should receive a renewal letter, but have not by the end of May, you can check your credential status online, <http://commerce.wi.gov/SB/SB-CredentialStatusCheck.html>. Or, contact the S&B Credential Unit, madisoncred@commerce.state.wi.us, 608-261-8500.



Fabric usable with leaching chambers

Product approval from the Safety and Buildings Division for leaching chambers now allows the use of geotextile fabric to cover the chambers, in an effort to prevent fine uniform sands from intruding into the chamber.

The use of fabric with the chambers for private onsite wastewater treatment systems is optional, unless the manufacturer's installation instructions or product approval requires the installation of fabric, regardless of the type of soil that surrounds the chamber.

When chambers are covered with fabric, the Equivalent Infiltrative Soil Area (EISA) rating is different than the rating without fabric. A table showing EISA ratings for the chambers that have received product approval for use in Wisconsin is linked to the S&B POWTS Program Web page and to the online version of this *WCCR*, <http://commerce.wi.gov/SB/SB-PowtsProgram.html> and <http://commerce.wi.gov/SB/SB-DivPublications.html>.

Remember the EISA rating may only be used when all of the following conditions are met:

1. Leaching chambers must be submitted for product review and approved in accordance with Comm 84.50, Plumbing Code.
2. Leaching chambers must receive wastewater having a BOD₅ of greater than 30 and less than or equal to 220 mg/L and TSS of greater than 30 and less than or equal to 150 mg/L.
3. Leaching chambers must be installed in individual excavations that create a row of chambers that are horizontally separated from other rows in other excavations by at least three feet. This is measured between the closest outside edges of the leaching chambers.
4. The distribution cell design must allow at least six inches of ponding in the chambers without backflow of wastewater into the drainpipe that discharges into the chambers.

Amacher resigns as safety inspector

Scott Amacher has resigned his position as a Safety and Buildings Division safety inspector in northwestern Wisconsin. He will be moving to the federal Occupational Safety and Health Administration in Eau Claire.

Amacher has been involved in fire department health and safety, public sector occupational safety, amusement ride inspections, and ski lift/tow inspections.

People having questions related to those programs in the following counties should contact the section chief for those programs, Dave Vriezen, dvriezen@commerce.state.wi.us, 608-261-2503: Douglas, Bayfield, Ashland Iron, Burnett, Washburn, Sawyer, Price, Polk, Barron Rusk, St. Croix, Dunn, Chippewa, Pierce, Pepin, Eau Claire, and Buffalo.

5. The chambers must be installed in a distribution system which has the top of the distribution cell at or below original grade.

Leaching chambers that comply with Comm 84.30(6)(h) do not require product approval if installed in accordance with the manufacturer's instructions, with Comm 83, and the absorption area is calculated based on the actual open bottom area of the chambers.

For more information, contact Product Consultant Mike Beckwith, mbeckwith@commerce.state.wi.us, 608-266-6742.

Q&A - Wisconsin Commercial Building Code online: <http://www.commerce.state.wi.us/SB/SB-CommercialBuildingsCodeQuestions.html>

Emphasis on garage bracing due later this year



An emphasis on requirements for wall returns at the sides of door openings in garages, presented by Safety and Buildings

Division staff at winter Uniform Dwelling Code education sessions, is not due to be implemented until later this year.

For those uniform building permit applications and plans submitted on or after July 1, 2005, the walls at the sides of the door openings will have to be sufficiently braced to comply with the provisions of Comm 21.25(1)(b).

S&B staff had found that over time the wall returns became narrower to account for larger openings. In addition, garages are extending further out in front of the rest of the home, resulting in a virtually stand-alone garage design for which the rest of the dwelling provides little resistance to wind on the garage sidewalls, resulting in potential racking.

There has been concerns expressed by the building industry about the special enforcement emphasis noted at the update sessions. S&B has responded to the concerns by targeting a later date for implementation.

Designers, contractors, and inspectors brought up concerns with immediate enforcement because of questions about availability of some of the proprietary bracing systems, adequacy of already installed foundations to accommodate required anchors or hold-downs, unexpected costs for already contracted, permitted, or started projects, and uncertainty about the options available.

This delay in implementation of bracing only applies to the short wall sections adjacent to the garage door openings. However, as a minimum, plywood sheathing nailed in accordance with the fastener schedule shall be provided on the exterior of the wall at corners that are not wide enough for diagonal bracing.

Bracing in accordance with Comm 21.25(1)(b) shall be provided at the corners of the other exterior walls, including the garage walls without the overhead doors. Corner bracing shall also be provided in the walls on both levels where living space is located over the garage. As in the past, where windows or other obstructions occur at the corners, the corner bracing may be located at the next available wall space.

S&B will identify methods of compliance at the garage wall returns that also may be used in other parts of the dwelling. Please watch the S&B WebSite, <http://commerce.wi.gov/SB/SB-UDCProgram.html>.

You may sign up to receive occasional email from S&B concerning UDC topics, <http://commerce.wi.gov/SB/SB-DivEmailSign up.html>.

National Fire Incident Reporting Training

May 19-22, 2005, Watertown WI



National Instructors

Four different sessions

Brochure online: <http://commerce.wi.gov/SB/docs/Sb-FirePreventionNfirsMay05.pdf>

Codes, Codes, Codes

S&B Administrative Codes, Code Purchasing, Code Projects, Code Councils are on the Internet: <http://www.commerce.state.wi.us/SB/SB-DivCodes.html>.

Purchase paper copies from state document sales, 800-362-7253, or 608-266-3358.

Damarc has Milwaukee County S&B inspection responsibilities

Damarc Quality Inspection Services conducts boiler, pressure vessel, mechanical refrigeration, and piping inspections as an agent of the Department of Commerce, Safety and Buildings Division. Damarc has recently added to its District 3 responsibilities the coverage of Milwaukee County for S&B.

For the new S&B Boiler Inspector District map, see <http://commerce.wi.gov/SB/SB-BoilerInspectorsMap.html>.

For more info on Damarc's authority, see the Sept. 4, 2004 letter on the S&B Boiler Program Web page, <http://commerce.wi.gov/SB/SB-BoilerAndPressureVesselProgram.html>.

Proper Materials for Turn-Ups?

We need to make our turn-ups properly and I'm not talking apple turn-ups. The turn-ups I mean are those installed in a pressure distribution private onsite wastewater treatment system. The turn-ups are installed at the end of the pressure distribution laterals in order to help with the maintenance of the laterals.

Materials used for the pressure distribution piping network must conform to standards listed

by Mike Beckwith, S&B Plumbing Products Consultant, mbeckwith@commerce.state.wi.us, 608-266-6742

in Table 84.30-5, Plumbing Code, or be approved by the S&B under Comm 84.50.

There are rumors that electrical conduit sweeps have been used for turn-ups. Electrical conduit sweeps do not meet the standards listed in Table 84.30-5, so they may not be used in pressure distribution network piping.

Help the customer by allowing and installing only approved and/or code compliant materials!

Fax or email technical code questions to:

- Amusement Rides, Rope/Ski Tows	608-283-7419	healthsafetech@commerce.state.wi.us
- Boilers and Pressure Vessels	608-283-7420	sbboilertech@commerce.state.wi.us
- Building and Plumbing Products	608-283-7407	productech@commerce.state.wi.us
- Commercial Buildings, Comm 61-65	608-283-7402	bldgtech@commerce.state.wi.us
- Electrical	608-283-7418	electrictech@commerce.state.wi.us
- Elevators	608-283-7411	elevatortech@commerce.state.wi.us
- Fire Prevention Program Forms	608-283-7412	fireforms@commerce.state.wi.us
- Fire Protection Systems	608-283-7405	fireprotech@commerce.state.wi.us
- Gas Systems	608-283-7420	sbboilertech@commerce.state.wi.us
- Licenses, Certifications, Registrations	608-283-7400	madisoncred@commerce.state.wi.us
- Manufactured/Mobile Homes	608-283-7401	manf-homes@commerce.state.wi.us
- National Fire Incident Reporting	608-283-7412	NFIRS@commerce.state.wi.us
- One- and Two-Family Dwelling Code	608-283-7409	udctech@commerce.state.wi.us
- Plumbing, Cross Connection Control	608-283-7403	plbgtech@commerce.state.wi.us
- Private Onsite Wastewater Treatment	608-283-7404	powtstech@commerce.state.wi.us
- Public Sector Safety	608-283-7419	healthsafetech@commerce.state.wi.us
- Public Swimming Pools	608-283-7406	pooltech@commerce.state.wi.us
- Welding	608-283-7420	sbboilertech@commerce.state.wi.us

Plan Review Resources

To schedule a plan review appointment for commercial/multifamily buildings, pools, or plumbing:

- >Fax 24-hour toll-free number for appointment scheduling, 877-840-9172
- >Email: planschedule@commerce.state.wi.us
- >Online (commercial buildings reviews only): <http://commerce.wi.gov/SB/SB-DivPlanReview.html>

For application **forms**:

- >On the S&B WebSite, choose “Get Forms,” <http://www.commerce.state.wi.us/SB/SB-DivForms.html>

Info about **next available** review appointment: <http://www.commerce.state.wi.us/SB/SB-DivDailyDoc.html>.

**Safety and Buildings Division commercial building plan review scheduling is on the Internet,
<http://commerce.wi.gov/SB/SB-DivPlanReview.html>**

Info about status of a plan review: <http://www.commerce.state.wi.us/SB/SB-DivReviewStatusSearch.html>

S&B Contact List

The Safety and Buildings Division has updated its alphabetical telephone, fax, mailing address contact list. You can download and print a copy from online, <http://commerce.wi.gov/SB/SB-DivContacts.html>

To receive a monthly email notifying you when the WCCR is placed online, see: <http://www.commerce.state.wi.us/SB/SB-DivEmailSignup.html>. For past issues, go to: <http://www.commerce.state.wi.us/SB/SB-DivPublications.html>

**WCCR
online**



Commercial Buildings Delegated Municipalities

Some municipalities in Wisconsin have authority to do building or fire protection plan review, inspections, and otherwise carry out code-related functions as delegates of the Department of Commerce. For further information, and a list of current delegated municipalities, see the S&B WebSite: <http://www.commerce.state.wi.us/SB/SB-CommercialBuildingsDelegatedMunicipalities.html>.

Enrolled Code revision pages

Wisconsin 2002
Enrolled
Commercial
Building Code
Volume I

Wisconsin
Department of Commerce



The January 1, 2005, Comm 61-65 code revisions are now available as supplement pages for the Enrolled Wisconsin Commercial Building Code, see <http://commerce.wi.gov/SB/SB-CommercialBuildingsSupp05.html>. The pages are free.

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Questions about your continuing education credits? Call the Credentialing Unit, 608-261-8500. Or, check the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-CredentialStatusCheck.html>

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